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Support Staff

HTA/MSB/77/58

18 August 1958

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Chief, Military Scientific Division

**REFERENCE:** Requirement DP/HTA/R33/58  
 Evaluation of Cable, CS-3595, in fulfillment of Project P 370-58

1. It is requested that a report should be levied for information on an antenna farm north of Domodedovo which has been reported as a possible guided missile ring control point. The installation is located on the east side of the Moscow-Kashira highway, immediately north of the road crossing over the railroad not far from the outskirts of Domodedovo. It extends along the highway northward for about one kilometer and away from the highway eastward for a distance varying from over one to nearly two kilometers. The site described has been identified as one on which the building and roadway layout is visible on GX photography dated 1942. With some additions, the same building complex is covered on TALENT photography. More information than either of these, [redacted] accompanying Air Intelligence Information Report, [redacted] provide conclusive evidence that this is an important radio antenna farm. More information on this site is requested in four specific categories.

a. Ground plan of the antenna field:

Report on the number and patterns of antenna groups, their orientation, and variation of mast heights would be useful.

b. Microwave facilities:

The total number of microwave towers, their location with respect to building and field layout, and the number and orientation of all dishes or other equipment.

c. Radar facilities:

Location and description of any radar equipment.

d. Functions of major buildings and personnel:

(1) Distinguishing features of operations building and control tower near center of the antenna farm. Any distinguishable connections between these and the electronic masts or arrays, such as overhead wires or buried cables.

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of Project [redacted]

(2) Description and functions of small group of buildings on side road southwest of the operations building (Item 1, above). Any apparent communications facilities closely related to this building site.

(3) Description and functions of the major administration buildings in the larger housing area. Do these serve only as support for this field or is there administrative connection to sites beyond this field? Does the administrative center of this field function as tele communications center for information relayed to missile sites?

(4) Personnel. Numbers, rank, and contact organization of occupants of the housing area. Are the housing units occupied by families of operations staff or are they barracks for workers only? Are these workers mainly telecommunications technicians, or can they be subdivided into several groups?

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2. The following is an evaluation of items appearing in [redacted]

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a. Earlier reports on radio transmission stations along the Moscow Serpukhov railroad substantiate some of the locations mentioned.

(1) A microwave relay station has been reported west of the Moscow Tula highway near Anino. This may be the station mentioned north of Bitsa.

(2) The antenna was reported near [redacted] as the one reported as early as 1951 [redacted]

(3) The transmitting station reported at Butovo is probably the one cited in NIS 26, Supplement III, Telecommunications, page 29.

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Reference: Requirement **DP/HTA/R33/58**

Evaluation of Project **[redacted]** fulfillment

(4) Neither report ~~nor~~ photography on the Shcherbinka station has come to our attention.

(5) We have no record of a station between Podolsk and Troitskoye, but the reported group of four masts could well be a DF facility near the Cubrovitsy airfield.

b. We have neither reports nor photographic coverage on the two military installations reported to be south of the Podolsk/Domodedovo highway.

c. The report of communications facilities near Kobylskovo appears to be valid. Recently scanned ground photography of a site near Kobylskovo shows three steel masts, which are connected, and a single lattice tower. These appear to be radio facilities. The site is wooded and it is possible that only two of the connected masts were seen. The photographs are unavailable at the moment. There are also radar facilities at the site, which has not been precisely located.

d. Without searching, we have no confirmation of military numbers in the Podolsk area.

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